

WHAT IS CLAIMED IS:

1. A seal assembly comprising:
a layered structure including
a first layer of a base material;
a second layer of thermal insulating material on top of the first layer; and
a third layer of a base material on top of the layer of thermal insulation.
2. The seal assembly according to claim 1, wherein the layer of thermal insulating material comprises a woven insulating material.
3. The seal assembly according to claim 1, wherein the third layer of the seal assembly comprises oxidation resistant material.
4. The seal assembly according to claim 1, further comprising:
a connector plate having an inner connector band and an outer connector band;
and
wherein the layered structure is arranged within the connector plate with the first layer comprising the inner connector band and the third layer comprising the outer connector band.
5. The seal assembly according to claim 4, wherein the inner connector band or first layer of base material is welded to the outer connector band or third layer.
6. The seal assembly according to claim 4, further comprising:
a spring side support; and
wherein the connector plate is connected on two sides to the spring side support.
7. The seal assembly according to claim 6, wherein the spring side support comprises an E-seal.

8. The seal assembly according to claim 6, wherein the spring side supports are welded to the connector plate.
9. The seal assembly according to claim 4, further comprising:
an E-seal having two sides; and
wherein the connector plate is bent around and fixed to the two sides of the E-seal.
10. The seal assembly according to claim 6, further comprising:
cooling holes arranged within the spring side support.
11. The seal assembly according to claim 1, further comprising:
two E-seals; and
wherein the layer of thermal insulating material is arranged between the two E-seals as said first and third layers.
12. The seal assembly according to claim 1, further comprising:
combustor liner segments; and
wherein the seal assembly comprises a combustor liner seal between the combustor liner segments.
13. The seal assembly according to claim 9, further comprising:
cooling holes arranged within the E-seal.